

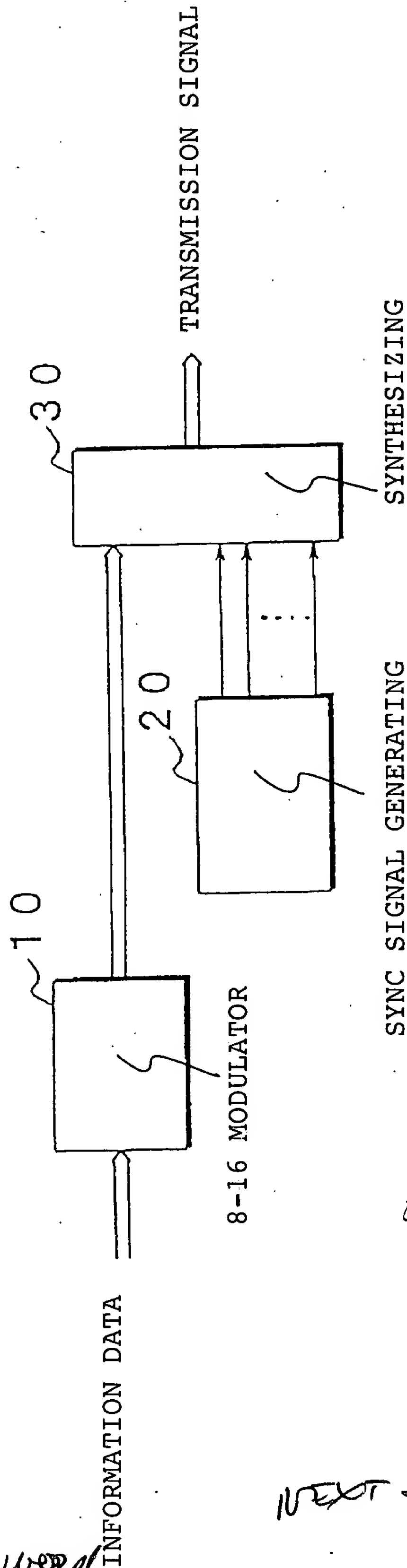
SECRET 9565430

1/8

08/759956

PU01-9659
EP01-9659
PKR01-9659
PTW01-9659
PCN01-9659
PMX01-9659
PHK01-9659
PMY01-9659
PTH01-9659
PIN01-9659
PID01-9659
PSG01-9659
PVN01-9659

FIG. 1



Next state/code word

0000001^{ORD}

Next state 2

000002 to 5

0 1 0 0 0 0 0 1 2th

FIG. 2

32 kinds of sync signals from Figs 2 & 3.

SYNC SIGNAL WHEN CODE WORD JUST BEFORE IS NEXT_STATE 1 OR 2									
BIT		BIT		BIT		BIT		BIT	
123456789101112		32		1234		1011		32	
SY0	0001001001	000100	00000000000010001	0001001000	000100	00000000000010001	0001001000	000100	00000000000010001
SY1	0000010000	000100	00000000000010001	0000010000	000100	00000000000010001	0000010000	000100	00000000000010001
SY2	0001000000	000100	00000000000010001	0001000000	000100	00000000000010001	0001000000	000100	00000000000010001
SY3	0000100000	000100	00000000000010001	0000100000	000100	00000000000010001	0000100000	000100	00000000000010001
SY4	0010000000	000100	00000000000010001	0010000000	000100	00000000000010001	0010000000	000100	00000000000010001
SY5	0010001001	000100	00000000000010001	0010001000	000100	00000000000010001	0010001000	000100	00000000000010001
SY6	0010010010	000100	00000000000010001	0010000100	000100	00000000000010001	0010000010	000100	00000000000010001
SY7	0010010001	000100	00000000000010001	0010010000	000100	00000000000010001	0010010000	000100	00000000000010001

connection bits

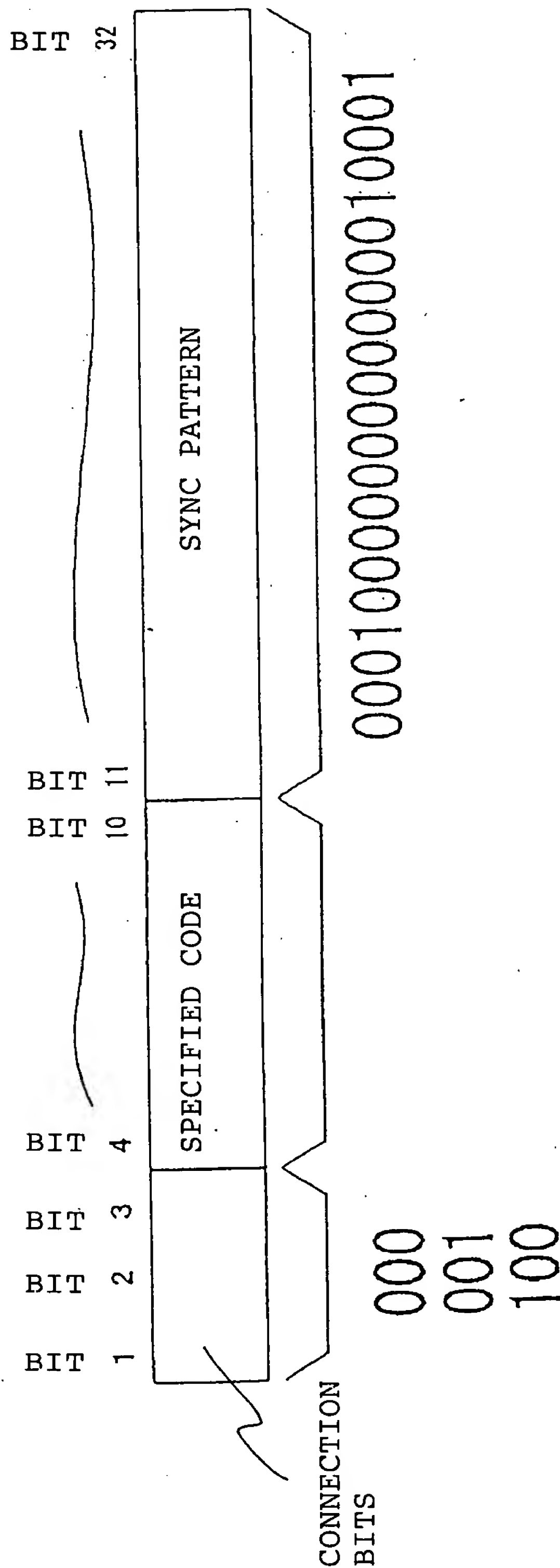
08/759956
~~BU01-9659~~
~~EP01-9659~~
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~~PMY01-9659~~
~~PTH01-9659~~
~~PIN01-9659~~
~~PID01-9659~~
~~PSG01-9659~~
~~PVN01-9659~~

FIG. 3

SYNC SIGNAL WHEN CODE WORD JUST BEFORE IS NEXT_STATE 3 OR 4									
	BIT				BIT				BIT 32
	1234	1011	1234	1011	1234	1011	1234	1011	
SY 0	1001001000	000100000000000010001	1001001001	0001000000000000010001	1001001001	0001000000000000010001	1001001001	0001000000000000010001	
SY 1	1000010001	000100000000000010001	1000010000	0001000000000000010001	1000010000	0001000000000000010001	1000010000	0001000000000000010001	
SY 2	1001000001	000100000000000010001	1001000000	0001000000000000010001	1001000000	0001000000000000010001	1001000000	0001000000000000010001	
SY 3	1000001001	000100000000000010001	1000001000	0001000000000000010001	1000001000	0001000000000000010001	1000001000	0001000000000000010001	
SY 4	1000100001	000100000000000010001	1000100000	0001000000000000010001	1000100000	0001000000000000010001	1000100000	0001000000000000010001	
SY 5	1000100100	000100000000000010001	1000100100	0001000000000000010001	1000100100	0001000000000000010001	1000100100	0001000000000000010001	
SY 6	1001000010	000100000000000010001	1001000010	0001000000000000010001	1001000010	0001000000000000010001	1001000010	0001000000000000010001	
SY 7	1000100010	000100000000000010001	1000100010	0001000000000000010001	1000100010	0001000000000000010001	1000100010	0001000000000000010001	

FIG. 4.

~~PU01-9659~~
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~~PKR01-9659~~
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~~PVN01-9659~~



PU01-9659

EP01-9659

PKR01-9659

PTW01-9659

PCN01-9659

PMX01-9659

PHK01-9659

PMY01-9659

PTH01-9659

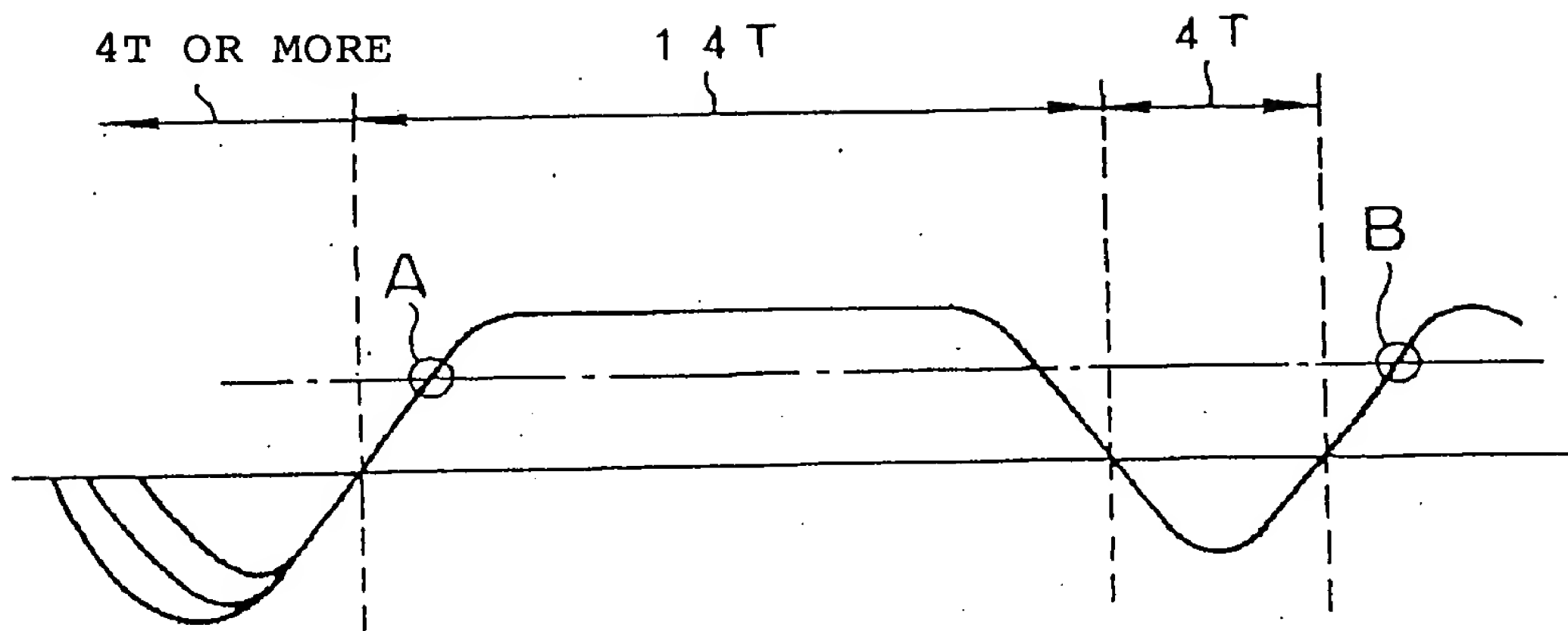
PIN01-9659

PID01-9659

PSC01-9659

PVN01-9659

FIG. 5



08/759956-120396

FIG. 6

FI

32 BITS 1456 BITS

differences among SY1 to SY4
are decided by a specific code bits
and connection bits

1456 BITS

32 BITS

1456 BITS

32 BITS

1ST LINE

8-16 MODULATION SIGNAL(91 WORDS)	8-16 MODULATION SIGNAL(91 WORDS)
SYNC SIGNAL SY0	SYNC SIGNAL SY5

2ND LINE

SYNC SIGNAL SY1	8-16 MODULATION SIGNAL (91 WORDS)	SYNC SIGNAL SY5	8-16 MODULATION SIGNAL (91 WORDS)

3RD LINE

8-16 MODULATION SIGNAL(91 WORDS)	8-16 MODULATION SIGNAL(91 WORDS)
SYNC SIGNAL SY2	SYNC SIGNAL SY5

4TH LINE

8-16 MODULATION SIGNAL(91 WORDS)	8-16 MODULATION SIGNAL(91 WORDS)
SYNC SIGNAL SY3	SYNC SIGNAL SY5

5TH LINE

8-16 MODULATION SIGNAL(91 WORDS)	8-16 MODULATION SIGNAL(91 WORDS)
SYNC SIGNAL SY4	SYNC SIGNAL SY5

6TH LINE

8-16 MODULATION SIGNAL(91 WORDS)	8-16 MODULATION SIGNAL(91 WORDS)
SYNC SIGNAL SY1	SYNC SIGNAL SY6

7TH LINE

	8-16 MODULATION SIGNAL(91 WORDS)	8-16 MODULATION SIGNAL(91 WORDS)
SYNC SIGNAL SY2	SYNC SIGNAL SY6	SYNC SIGNAL SY6
8-16 MODULATION SIGNAL(91 WORDS)	8-16 MODULATION SIGNAL(91 WORDS)	8-16 MODULATION SIGNAL(91 WORDS)

8TH LINE

[illegible]

6TH LINE

SYNC SIGNAL SY4	8-16 MODULATION SIGNAL(91 WORDS)	SYNC SIGNAL SY6	8-16 MODULATION SIGNAL(91 WORDS)
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10TH LINE

SYNC SIGNAL SY1	8-16 MODULATION SIGNAL (91 WORDS)	SYNC SIGNAL SY7	8-16 MODULATION SIGNAL (91 WORDS)

11TH LINE

SYNC SIGNAL SY2	8-16 MODULATION SIGNAL(91 WORDS)	...	8-16 MODULATION SIGNAL(91 WORDS)	SYNC SIGNAL SY7	8-16 MODULATION SIGNAL(91 WORDS)

12TH LINE

SYNC SIGNAL SY3	8-16 MODULATION SIGNAL(91 WORDS)	SYNC SIGNAL SY7	8-16 MODULATION SIGNAL(91 WORDS)
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3TH LINE

8-16 MODULATION SIGNAL(91 WORDS)	8-16 MODULATION SIGNAL(91 WORDS)
SYNC SIGNAL SY4	SYNC SIGNAL SY7
8-16 MODULATION SIGNAL(91 WORDS)	8-16 MODULATION SIGNAL(91 WORDS)

FRONT SYNC FRAME

REAR SYNC FRAME

1899-1900
continued

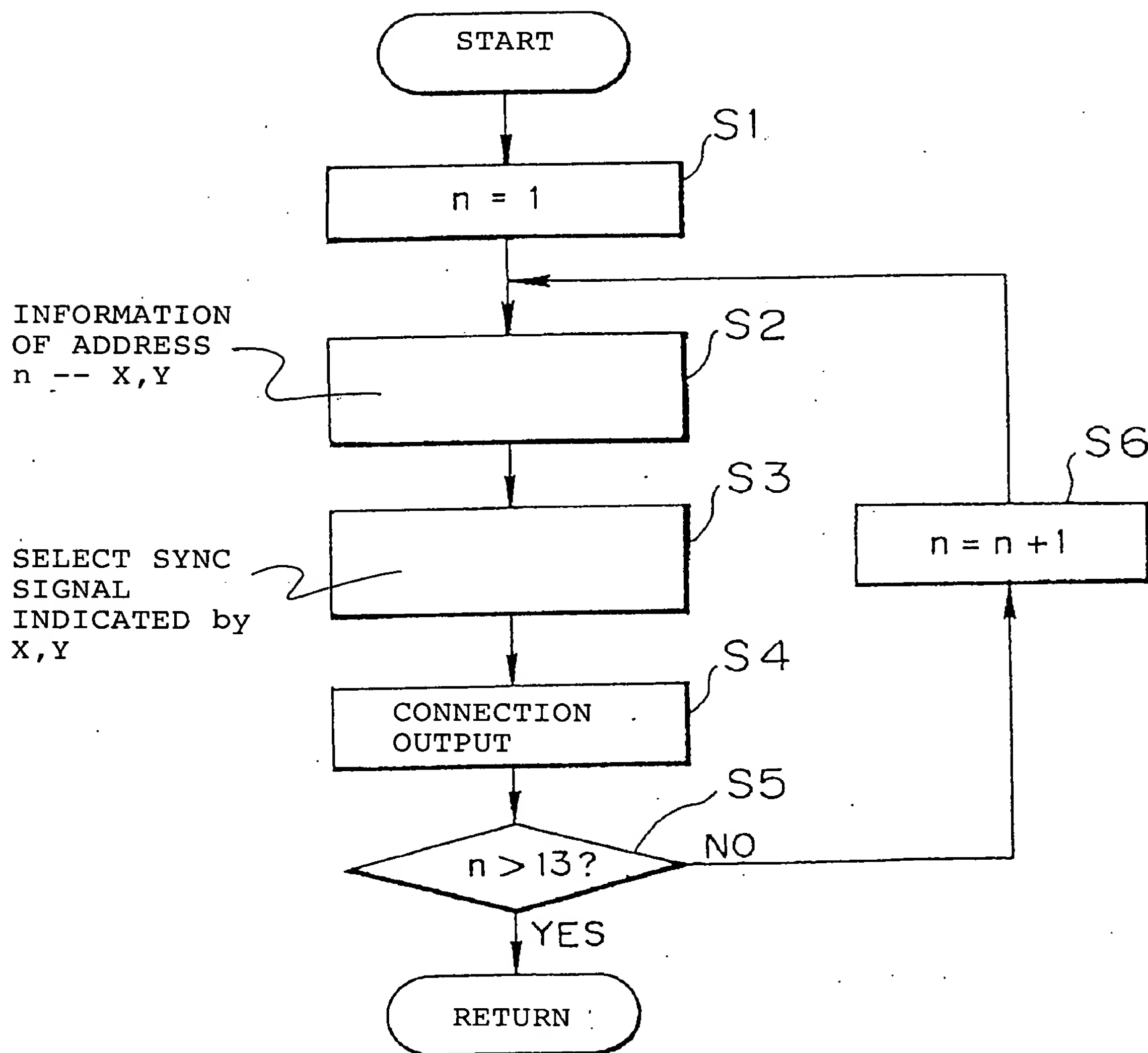
another syne

Supreme Signal

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~~PU01-9659~~
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~~PIN01-9659~~
~~PID01-9659~~
~~PSC01-9659~~
~~PVN01-9659~~

FIG. 7



9565280

PU01-9659

~~EP01-9659~~~~PKR01-9659~~~~PTW01-9659~~~~PCN01-9659~~~~PMX01-9659~~~~PHK01-9659~~~~PMY01-9659~~~~PTH01-9659~~~~PIN01-9659~~~~PID01-9659~~~~PSG01-9659~~~~PVN01-9659~~

FIG. 8

1	SY 0	SY 5
2	SY 1	SY 5
3	SY 2	SY 5
4	SY 3	SY 5
5	SY 4	SY 5
6	SY 1	SY 6
7	SY 2	SY 6
8	SY 3	SY 6
9	SY 4	SY 6
10	SY 1	SY 7
11	SY 2	SY 7
12	SY 3	SY 7
13	SY 4	SY 7

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